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THE HEALTH OF HARLOW

in the year 1971

STATISTICAL REVIEW

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THE HEALTH OF HARLOW

In the year 1971

STATISTICAL REVIEW

PUBLIC HEALTH COMMITTEE

as on

31st December

1971

Chairman:
Councillor J. F. Beecher

Vice-Chairman
Councillor Mrs. M. Bach

Members:

Councillor E. Albone
Councillor Mrs. J. A. McAlpine
Councillor R. P. Chant
Councillor G. Newport
Councillor Mrs. A. J. Garner
Councillor W. W. Gibson
Councillor H. W. Morris

Ex-Officio Members

Councillor Mrs. E. I. V. Morris
Chairman of the Council

Councillor D. C. Sharp
Vice-Chairman of the Council

PUBLIC HEALTH DEPARTMENT

Offices: *Medical Officer of Health.* Town Hall, Harlow.
Telephone: Harlow 21031

Public Health Inspectors. Broadfield, Fishers Hatch, Harlow. Telephone: Harlow 27651

Staff:

Medical Officer of Health:
I. Ash, MD, DPH*

Deputy Medical Officer of Health: †
G.E. Thomas, MB, BS, DRCOG, DPH

Chief Public Health Inspector:	H.L. Hughes, DPA, FAPHI MRSH 1 2 3	(To 31.3.71)
	D.W. Townsend, MAPHI 1 2 3 4	(From 17.5.71)
Deputy Chief Public Health Inspector:	D.W. Townsend, MAPHI 1 2 3 4	(To 16.5.71)
	M.R. Ruocco, MAPHI, MRSH 1 2 3	(From 23.8.71)
Senior Public Health Inspector:	M.R. Ruocco, MAPHI, MRSH 1 2 3	(To 22.8.71)
Public Health Inspectors:	J.S. Dripps, MAPHI 1 2 3	(To 30.4.71)
	D.R. O'Neill, MAPHI, MRSH 3 5 6	
	B. Curtis, MAPHI 5 7	(From 6.6.71)
Technical Assistant:	R. Gething	
General Assistants:	B. Murray	(To 14.10.71)
	R. Collins	(From 8.2.71)
	S. Wright	(From 1.11.71)
Chief Clerk:	Miss A.E.A. Rothwell	
Personal Administrative Assistant to Medical Officer of Health:	Mrs. B. Cruickshank, MAMS	
Clerk/Typists:	Mrs. C. Christy	
	Miss U. Springham	
	Mrs. V. Mulcahy	(To 28.2.71)
	Mrs. J. Drage	(From 1.3.71)
	Mrs. L. Brown	(From 13.12.71)
Supervisor, Meals on Wheels Service:	Mr. R. White (part-time)	(From 13.7.71)

* Also Medical Officer of Health for Epping UDC and Epping and Ongar RDC and Area Medical Officer and Divisional School Medical Officer, Essex County Council.

† Also Deputy Medical Officer of Health for Epping UDC and Epping & Ongar RDC and Senior Medical Officer, Essex County Council.

1 Certificate of the Royal Society of Health and Public Health Inspectors Examination Joint Board.

2 Royal Society of Health (Meat and Other Foods) Certificate.

3 Diploma of the Royal Society of Health for Smoke Inspectors.

4 Certificate in Sanitary Science, Royal Society of Health.

5 Public Health Inspectors Diploma of the Public Health Inspectors Education Board.

6 Royal Society of Health, Diploma in Health Engineering.

Royal Society of Health, Diploma in Air Pollution Control.

LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE
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9 JAN 1976

To the Chairman and Members of the Harlow Urban District Council

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my Statistical Review on the public health services in Harlow for the year 1971. Unlike its predecessors this Review does not include comparative statistical data for the previous year. The reason for this is that the latest population figure is based on the preliminary results of the 1971 Census and shows a drop of 1,590 compared with 1970. In fact, in the year under review, there was an excess of births over deaths of 1,023, so that a net loss of 1,590 would presuppose that 1,613 persons had left the town. This is unlikely, and the decrease in the population must, therefore, be due to over-estimation in past years. Such vital statistics as the birth rate, mortality rate etc. which are based on the population of the town could not have been correct in 1970 and are therefore not comparable with those of 1971.

In order to maintain uniformity of presentation other statistics for 1970, not affected by population estimates, have also been omitted. The reader who may seek comparisons with previous years is referred to "The Health of Harlow 1966-1970" published early in 1972.

The number of live births in 1971 was 1,386 which is the smallest number since 1960 when the population of the town was only 49,000. The birth rate per thousand population declined further by comparison with previous years. In actual fact, the decline was greater than it appears because the number of live births in 1971 is related to a smaller population, whilst in 1970 and before, it was related to an over-estimated population. The adjusted rate declined much less than the crude rate and this reflects the ageing of the population of the town.

There were 102 illegitimate live births, 20 more than the highest number ever recorded in the history of Harlow. This is despite all the sex education, the availability of advice on contraception and the Abortion Act.

The still birth rate was the lowest since separate statistics for Harlow have been kept and compares very favourably with the rate for England and Wales.

Of the 363 deaths notified, 31 were due to cancer of the lung. After ischmaeic heart disease (75), this was the most prevalent cause of death.

The work concerned with environmental health was somewhat curtailed through changes in staff. I must first of all record the resignation of Mr. H. L. Hughes, Chief Public Health Inspector who left in March to take up an appointment with the Department

of Health and Social Security. He had been with this authority since 1960 and had greatly contributed to the development of the environmental health services in the district. His successor and former deputy, Mr. D. W. Townsend, was appointed only six weeks later, and the department was then without a Deputy Chief Public Health Inspector for 14 weeks and also short of one Public Health Inspector for 5 weeks. In spite of these difficulties the essential services were maintained although some others had to be postponed.

In July a part-time supervisor for Meals on Wheels was appointed and the two-day service already established by the WRVS was extended, the Council providing meals on the remaining three week days.

As in the past I have included information about the County services, which includes the School Health Service, in order to give a more complete picture of health conditions in Harlow.

With the emergence of a new Social Services Department, the Home Help Service, formerly administered by the Area Health Department, was transferred to this new department but the supervision of day nurseries and child minders remained because the Social Services Department were unable to take it over.

To conclude, I must say that although no significant advances were made in the health of the people of Harlow, it was, nevertheless, maintained at a high level.

Whatever my own contribution was towards this, it would not have been effective without the help given to me by all my staff, both Harlow U.D.C. and Essex County Council, to whom I am very grateful. I also wish to extend thanks to all others who assisted me in my work.

I am, Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

I.ASH, MD, DPH.

Medical Officer of Health

Visitors to Harlow:

The following were visitors to the Department during 1971:

Dr. Kawaguchi and Dr. Kimula,Ministry of Health and Welfare, Japan.

Dr. Navinsky, University of Montevideo, Uruguay.

Dr. Williams, Medical Officer of Health, Lagos, Nigeria.

Dr. Steinmetz, McGill University, Canada.

Dr. Meltzeff, University of Rome, Italy.

Dr. Fuad, Director General Department of Health, U.A.R.

Dr. Ibrahim, Alexandria, U.A.R.

Dr. Mariel, Director Health Services, Damietta, U.A.R.

Dr. Thiagaraja, Public Health Service, Ceylon.

Dr. Moeti, Public Health Service, Botswana.

Miss Cochrane, Social Worker, Dallas, Texas, U.S.A.

Mrs. Fonaroff, Medical School, George Washington University, U.S.A.

Mrs. Hauser, Regional Nursing Supervisor, Tel-Aviv, Israel.

A group of students from King Edward's Fund, College of Hospital Administration.

GENERAL DATA

Area (in acres)	6,313
Number of houses (mid-year)	23,950
Number of houses per acre (average mid-year)	3.8
Number of persons per acre (average mid-year)	12.3
Number of persons per house (average mid-year)	3.3
Rateable value (mid-year)	£4785,235
Product of a penny rate (financial year 70/71((estimate)	£46.650
The rate in the £ (financial year 1970/71)	84.5p

POPULATION

Resident population (Registrar General's mid-year estimate)	77,920

BIRTHS

Live Births

	Males	*Females*
Legitimate	663	621
Illegitimate	50	52
Total	713	673

Crude rate per 1000 population	17.8
*Adjusted rate per 1000 population	13.2
Rate per 1000 population for England and Wales	16.0
Ratio of local adjusted birth rate to national rate	0.82

**Area comparability factor* 0.74

Illegitimate Live Births

Number registered	102
Rate per 100 live births	7.3
Rate per 100 live births in England and Wales	8.4

Still Births	*Males*	*Females*
Legitimate	7	6
Illegitimate	—	—
Total	7	6
Rate per 1000 live and still births ...	9.3	
Rate per 1000 live and still births in England and Wales	12.5	

Total Births (Live and still)

Legitimate	663	621
Illegitimate	50	52
Total	713	673

The place of birth was as follows:

Hospital	1274	(91.9%)
Home	112	(8.1%)

Still Births by Cause and Place of Delivery

	Hospital	*Home*	*Total*
Congenital anomalies	4	—	4
Toxaemias of pregnancy	2	—	2
Conditions of placenta	2	—	2
Anoxic and hypoxic conditions	4	—	4
Unknown cause	1	—	1

Still Births according to Place of Booking and Delivery

Place of Booking	*Place of Delivery*	*Parity*					
		0	1	2	3	4	5+
Hospital	Hospital	4	3	1	3	1	1
Home	Home	—	—	—	—	1	—
Home	Hospital (transfer before labour)	—	—	—	—	—	—
Home	Hospital (transfer in labour)	—	—	—	—	—	—

Premature Infants (5½lbs in weight or under) - Place of Birth and Mortality

Place of Birth	*Still Births*	*Live Births*	*Death within*		
			24hrs	*7days*	*28days*
Hospital	7	89	8	1	—
Home	—	—	—	—	—

Congenital anomalies reported during the year

No. of infants.	*No. of anomalies in each.*
15	1
5	2
2	3

Nature or site of anomalies	*No. of anomalies*
Anencephalus	3
Hydrocephalus	3
Microcephalus	1
Spina bifida	2
Cataract	1
Accessory auricle	1
Ventricular septal defect	1
Cleft lip	2
Cleft palate	2
Stenosis of duodenum	1
Atresia of anus and rectum	1
Hypospadias	2
Anomoly of vagina	1
Clubfoot	2
Syndactily	1
Polydactyly	1
Congenital dislocation hip	2
Anomoly of sternum and ribs	1
Other anomolies of musculoskeletal system	1
Naevus	1
Downs syndrome	1

DEATHS

	Males		*Females*
All Ages	197		166
Crude rate per 1,000 population ...		4.7	
*Adjusted rate per 1,000 population ...		12.2	
Rate for England and Wales per 1,000 population		11.6	
Ratio of local adjusted death rate to national rate		1.05	

*Comparability factor 2.60

Infants under 1 year of age	*Males*		*Females*
Legitimate	14		14
Illegitimate	—		—
Total	14		14
Legitimate infant mortality rate per 1,000 legitimate live births		20.2	
Legitimate infant mortality rate per 1,000 legitimate live births for England and Wales		16.9	
Illegitimate infant mortality rate per 1,000 illegitimate live births		—	
Illegitimate infant mortality rate per 1,000 illegitimate live births for England and Wales		24.1	
Total infant mortality rate per 1,000 live births		20.2	
Total infant mortality rate per 1,000 live births for England and Wales		17.5	

Neonatal Deaths (Infants under 4 weeks of age)	*Males*		*Females*
Legitimate	11		10
Illegitimate	—		—
Total	11		10
Neonatal mortality rate per 1,000 live births		15.1	
Neonatal mortality rate per 1,000 live births for England and Wales		11.6	

Early Neonatal Deaths (infants under 1 week of age)

	Males	*Females*
Legitimate	9	9
Illegitimate	—	—
Total	9	9

Early neonatal mortality rate per 1,000 live births	13.0
Early neonatal mortality rate per 1,000 live births for England and Wales	9.9

Perinatal Mortality (still births and deaths under 1 week combined)

Rate per 1,000 live and still births ...	22.1
Rate per 1,000 live and still births for England and Wales	22.2

Maternal Mortality

Maternal deaths (including abortion) ...	—
Maternal mortality rate per 1,000 live and still births	—
Maternity mortality rate per 1,000 live and still births for England and Wales ...	0.2

CAUSES OF DEATH

	Males	*Females*	*Total*
Enteritis and other diarrhoeal diseases	–	1	1
Tuberculosis other than respiratory	1	–	1
Malignant neoplasm, buccal cavity etc.	1	–	1
Malignant neoplasm, stomach	4	3	7
Malignant neoplasm, intestine	4	6	10
Malignant neoplasm, larynx	1	–	1
Malignant neoplasm, lung, bronchus	25	6	31
Malignant neoplasm, breast	–	12	12
Malignant neoplasm, uterus	–	2	2
Malignant neoplasm, prostate	3	–	3
Leukaemia	1	3	4
Other malignant neoplasms	11	11	22
Benign and unspecified neoplasms	1	–	1
Diabetes mellitus	–	2	2
Other endocrine diseases	3	–	3
Anaemias	1	–	1
Mental disorders	1	–	1
Multiple sclerosis	–	1	1
Other diseases of nervous system	2	2	4
Chronic rheumatic heart disease	6	3	9
Hypertensive disease	–	4	4
Ischaemic heart disease	46	29	75
Other forms of heart disease	8	7	15
Cerebrovascular disease	9	20	29
Other diseases of circulatory system	6	6	12
Influenza	1	1	2
Pneumonia	15	10	25
Bronchitis and emphysema	10	3	13
Other diseases of respiratory system	–	2	2
Peptic ulcer	1	–	1
Intestinal obstruction and hernia	1	–	1
Cirrhosis of liver	–	2	2
Other diseases of digestive tract	2	5	7
Nephritis and nephrosis	1	1	2
Hyperplasia of prostate	1	–	1
Other diseases, genito-urinary tract	–	2	2
Diseases of skin, subcutaneous tissue	–	1	1
Diseases of musculo-skeletal system	–	1	1
Congenital anomalies	4	6	10
Birth injury, difficult labour	2	2	4
Other causes of perinatal mortality	4	6	10
Symptoms and ill defined conditions	1	–	1
Motor vehicle accidents	10	1	11
All other accidents	6	2	8
Suicide and self-inflicted injuries	3	1	4
All other external causes	1	2	3
Total all causes	197	166	363

AGE AND SEX DISTRIBUTION OF DEATHS

Age	*Males*	*Females*	*Total*
Under four weeks	11	10	21
4 weeks and under 1 year . . .	3	4	7
1 - 4 years	1	2	3
5 - 14 years	4	3	7
15 - 24 years	7	2	9
25 - 35 years	1	3	4
36 - 44 years	7	4	11
45 - 54 years	32	14	46
55 - 64 years	36	22	58
65 - 74 years	52	41	93
75 years and over	43	61	104
Total . . .	197	166	363

Accidental deaths:

Motor vehicle accidents		11
Other accidents:		
Fall	2	
Asphyxia	2	
Burns	1	
Gunshot wound	1	
Drowning	1	
Electrocution	1	8
Total		19

Place of death		
	Hospital	234
	Home	118
	Other	11

CAUSES OF DEATH OF INFANTS UNDER THE AGE OF ONE YEAR

	Under 1 day	*1 - 7 days*	*Total under 1 week*	*1 - 2 weeks*	*2 - 3 weeks*	*3 - 4 weeks*	*Total under 1 month*	*1 - 3 months*	*3 - 6 months*	*6 - 9 months*	*9 - 12 months*	*Total under 1 year*
Congenital anomalies ...	1	2	3	1	–	2	6	–	–	–	–	6
Immaturity	5	1	6	–	–	–	6	–	–	–	–	6
Birth injury/difficult labour	2	1	3	–	–	–	3	1	–	–	–	4
Bronchitis/pneumonia ...	–	1	1	–	–	–	1	1	2	–	–	4
Anoxic and hypoxic conditions	3	–	3	–	–	–	3	–	–	–	–	3
Haemolitic disease ...	2	–	2	–	–	–	2	–	–	–	–	2
Other causes	–	–	–	–	–	–	–	1	1	–	1	3
Total	13	5	18	1	–	2	21	3	3	–	1	28

COMMUNICABLE DISEASES (other than tuberculosis) Notifications according to age

Incidence rate per 10,000 population

Age:	0–	1–	2–	3–	4–	5–	10–	15–	25–	45–	65–	Total	Harlow	England & Wales
Scarlet Fever	1	1	4	4	4	20	7	2	1	-	-	44	5.6	2.5
Whooping Cough	11	8	9	5	9	38	4	2	-	-	-	86	11.0	2.3
Measles	30	130	134	150	151	308	12	5	-	-	-	920	118.1	22.6
Food poisoning	-	2	3	-	1	2	-	2	5	1	-	16	2.0	1.4
Infective jaundice	-	-	-	-	2	3	2	2	4	2	-	15	1.9	2.8
Acute meningitis	-	1	-	-	1	-	-	-	-	-	-	2	0.2	0.4
Typhoid fever	-	-	-	-	-	-	-	1	-	-	-	1	0.1	0.03

COMMUNICABLE DISEASES - TUBERCULOSIS

	Respiratory		*Other*		
	Males	*Females*	*Males*	*Females*	*Total*
Number of cases on register on 1.1.71	293	295	33	30	651
Number of cases added to the register during 1971:					
New cases ...	5	5	3	2	15
Inward transfers	–	1	–	–	1
Number of cases removed from the register during 1971:					
Deaths ...	–	1*	1	–	2
Outward transfers	4	8	–	1	13
Patients cured	–	–	–	–	–
Number of cases remaining on register on 31.12.71	294	292	35	31	652

* From causes other than tuberculosis.

Incidence of new cases

	Respiratory		*Other*		
	Males	*Females*	*Males*	*Females*	*Total*
(a) According to age					
Under 5 years ...	2	–	–	–	2
5 - 14 years ...	1	1	–	–	2
15 - 24 years ...	–	–	–	1	1
25 - 44 years ...	2	2	1	2	7
45 - 64 years ...	–	2	–	–	2
65 and over ...	–	–	1	–	1

(b) Incidence rate per 1000 population

	Respiratory	*Other*
Harlow ...	0.1	0.06
England and Wales	0.2	0.05

Mortality rate per 1000 population

	Respiratory	*Other*
Harlow ...	–	0.01
England and Wales	0.02	0.01

SANITARY CIRCUMSTANCES AND INSPECTIONS

Water

	Gallons
Water supplied unmeasured (domestic)	1013 million
Water supplied by meter (trade)	638.2 million
Total consumption for year	1651.2 million
Average supplied per day - domestic	2.78 million
- trade	1.74 million
- all purposes	4.52 million
Average consumption per head per day - domestic	35
- trade	22
- all purposes	57

(The above figures were supplied by the Lee Valley Water Company)

The following samples of water were taken for examination:

	Samples		*Result*
	Bacteriological	*Chemical*	*Unsatisfactory*
Public Supply			
by Public Health Department	12	9	–
by Lee Valley Water Company	336	18	–
Private wells	4	–	4
Swimming and paddling pools			
11 swimming pools	57	2	1
5 paddling pools	11	–	2

Flouride content: Less than 0.02 milligrammes per litre.

Sewage disposal other than through sewers

Cesspools, septic and chemical tanks	33
Chemical closets (emptied weekly by Harlow UDC)	4
Pail closets (emptied by occupier)	1
Pail closets (emptied by Harlow UDC)	2

Housing

(i) GENERAL

Complaints of housing defects	94
Housing inspections carried out - by medical officers	78
by public health inspectors	491
Intimation notices served	59
Statutory notices served	–
Houses where defects were remedied	63

(ii) IMPROVEMENTS

(a) Individual houses	*Standard Grant*	*Discretionary Grant*	*Total*
Applications received ...	1	10	11
Applications approved ...	1	10	11
Applications refused ...	—	2	2
Applications withdrawn ...	—	—	—
Dwellings where work completed	1	8	9

(b) Qualification certificates, 1971 (Housing Act 1969)

Applications for certificates	2
Certificates for provisional approval	—
Certificates issued under Sec. 46(3)	—
Certificates cancelled, lapsed or revoked	—
Certificates refused	2

Offices, Shops and Railways Premises Act, 1963

REGISTERED PREMISES	*Premises registered during year*	*Total number of registered premises at end of year*	*Registered premises receiving a general inspection during the year*
Offices	9	150	101
Retail shops ...	27	311	208
Wholesale shops, warehouses	4	34	22
Catering establishments open to public, canteens	4	41	32
Fuel storage depots ...	—	1	1
Total	44	537	364

PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

Class of Workplace	*Number of persons employed*
Offices	2,622
Retail shops	2,634
Wholesale shops, warehouses	779
Canteens and catering establishments open to the public	356
Fuel storage depots	2
Total	6,393
Total males	3,091
Total females	3,302
Number of visits by inspectors to registered premises	891

CONTRAVENTIONS

Sections of Act		
4	Lack of cleanliness	107
5	Overcrowding	1
6	Inadequate temperature	5
7	Inadequate ventilation	29
8	Insufficient lighting	17
9	Defects in, or lack of, sanitary conveniences	49
10	Defects in, or lack of, washing facilities	49
11	Lack of supply of drinking water	7
12	Lack of accommodation for clothing	8
13	Lack of sitting facilities	1
15	Lack of eating facilities	1
16	Defects in floors and passages	31
17	Inadequate fencing of exposed parts of machinery	28
24	Lack of first-aid equipment	37
27	Dangerous equipment	5
49	Failure to register premises	34
50	Lack of information for employees	35
	Total	444

Number of notices sent to occupiers of premises	182
Number of accidents notified to local authority under Section 48	17
Number of statutory notices served	2
Number of statutory notices complied with	2

Factories Act, 1961

Factories in which Sections 1, 2, 3, 4 and 6 are to enforced by local authorities	4
Factories not included in above in which Section 7 is enforced by local authority	144
Other premises in which Section 7 is enforced by the local authority (excluding outworkers' premises)	24
Inspections	29
Written notices	2
Referred to HM Inspector of Factories	1
Referred from HM Inspector of Factories	1

DEFECTS FOUND:

Unsuitable, unclean or defective sanitary accommodation	3
Inadequate ventilation	—
Other offences against the Act	—

OUTWORKERS (mainly engaged on work in connexion with wearing apparel)	219

Atmospheric Conditions

	Air temperature (Centigrade)			*Rainfall in mm*	*Smoke & sulphur dioxide in micrograms per cubic metre Site: Broadfield*	
	A Mean Min.	*B Mean Max.*	*C Mean of A & B*		*Smoke*	*SO^2*
January	1.7	7.2	4.5	45.7	42	116
February	1.1	8.3	4.7	7.8	38	124
March	-1	8.0	4.0	29.2	19	81
April	3.4	10.3	6.8	23.1	16	56
May	6.1	16.3	11.2	44.9	11	46
June	9.0	16.9	12.9	79.2	11	52
July	11.5	22.6	17.0	22.7	8	40
August	12.5	20.3	16.4	79.3	8	36
September	8.3	19.7	14.0	17.0	*	*
October	7.3	15.0	11.1	46.5	24	87
November	3.4	9.1	6.2	54.1	31	105
December	3.7	8.7	6.2	16.9	32	110

The meteorological data were supplied by the Harlow Development Corporation. Observations of smoke and sulphur dioxide were made by the staff of the Public Health Department.

*Figures not available

Clean Air Act 1968

Legal Proceedings

Prosecution ordered by Council	1
Cases heard in Magistrates' Court	3*
Cases remaining to be dealt with at 31st December 1971	—

Law contravened	*Offence*	*Fine* £	*Costs* £
Clean Air Act, 1968 Section 1	Burning vehicle tyres causing dark smoke at Peldon Road	5.00	3.00
	Burning rubber tyres causing black smoke	5.00	5.00
	Burning rubber tyres causing black smoke	10.00	5.00

*proceedings in two cases were authorized in 1970

TYPE AND NUMBER OF FOOD SHOPS AND OTHER FOOD PREMISES IN THE DISTRICT

Grocers	38
Butchers	22
Fishmongers (including fish fryers)	14
Greengrocers	19
Sweets and confectionery	31
General food stores	11
Cafes and restaurants	37
Public houses	26
Off-licences	8
Halls, community centres and clubs	72
Factory and other industrial canteens	77
School canteens	50
Building site canteens	9
Food storage depots	4
Food factories	8
Bakehouses and bakers	11
Market stalls	13
Total	450

N.B. There are no egg pasteurization plants in this district.

[Liquid Egg (Pasteurization) Regulations, 1963]

NUMBER OF PREMISES SUBJECT TO THE FOOD HYGINE (GENERAL) REGULATIONS, 1960

Number of food premises	437
Number of premises fitted to comply with Regulation 16	437
Number of premises to which Regulation 19 applies	425
Number of premises fitted to comply with Regulation 19	424

(One exemption certificate granted)

PREMISES REGISTERED UNDER SECTION 16 OF THE FOOD AND DRUGS ACT, 1955

Storage and sale of ice-cream	84
Preparation or manufacture of sausages or potted, pressed, pickled or preserved food	32

There are no poultry processing premises within the district.

MILK SUPPLY

Number of milk depots registered	4
Number of inspections carried out	72

Licences issued under Milk (Special Designation) Regulations 1960 & 1963:

Pasteurized	31
Sterilized	18
Ultra-heat treated	19
Number of premises from which milk was sold	35

Bacteriological Examination of Food

Milk	*Samples*	*Satisfactory*	*Unsatisfactory*
Pasteurized	75	67	8*
Sterilized	16	16	–
Pasteurized Channel Island	19	19	–
Ultra-heat treated	4	4	–
Cultured butter milk	1	1	–

*Failed to pass the methylene blue test

Ice-Cream and Ice Lolly	*Samples*	*Satisfactory*	*Unsatisfactory*
Ice-Cream	73	Grade I 51	Grade III 7
		Grade II 14	Grade IV 1
Ice Lolly	2	2	–

Cooked Meat and Meat Products	*Samples*	*Satisfactory*	*Unsatisfactory*
Brawn	1	1	–
Corned beef	1	1	–
Ham	2	2	–
Luncheon meat	3	3	–
Pork	1	1	–
Vacuum packed meat	49	49	–
Other cooked meats and meant products	10	10	–
Total	67	67	–

Miscellaneous	*Samples*	*Satisfactory*	*Unsatisfactory*
Fresh cream	7	7	–
Dairy cream-filled cakes	27	23	4
Shellfish	27	27	–
Pet foods	6	5	1
Other foods	6	5	1
Total	73	67	6

*These samples relate to a special survey of vacuum packed cooked meats in retail premises.

Chemical Analysis of Food and Drugs

Articles submitted for analysis	*Number of samples*	
	Satisfactory	*Unsatisfactory*
Meat and meat products	50	2
Milk and milk products	23	1
Ice-cream	1	–
Soft drinks	1	–
Wines and spirits	13	–
Other foods	111	12
Medicines and drugs	17	1
Total ...	216	16

UNSATISFACTORY SAMPLES

Article	*Defect*
Brown bread flour	Labelled 'Self-Raising' but consisted of plain brown flour.
Herring in tomato	Supplied in unlabelled can.
Lemon curd	Contained only 3% fat instead of the required 4%.
Take-away meal Three samples	Contained wood louse and insect fragments
Lime Blossom Pure Honey Two samples	Contained particles of caramelized honey stained with iron.
Special 'K' Cornflakes	Contained hard aggregates of cereal mixture stained with traces of iron
Pork pie	Contained length of string
Medium fat soft cheese	Contained 21.5% of milk fat which slightly exceeds the maximum prescribed for medium fat soft cheese.
Creamed rice milk pudding	Brownish in colour due to caramelisation.
Hamburgers	Contained only 73% meat instead of prescribed 80%.
Egg	Contained a fragment of ovarian tissue.
Garden peas (tinned)	Contained insect
Concordin tablets	Tablets had dirty appearance due to smudging of the ink pigment used to mark each tablet for identification purposes.

LEGAL PROCEEDINGS

Law contravened	*Offence*	*Fine*	*Costs*
	Sale of:	£	£
Food and Drugs Act, 1955, Section 2	Mouldy kingsize rolls	15.00	5.25
	Scone containing metal washer	15.00	5.25
	Confectionery infested with maggots	15.00	5.25
	Unsound walnuts	5.00	5.00
	Mouldy 'Turog' loaf	15.00	10.00
	Danish white loaf containing first-aid dressing	10.00	5.00
	Bacon joint containing fly larvae	25.00	5.00
Food and Drugs Act, 1955, Food Hygiene (General) Regulations 1970	Food handler using tobacco in a food area in which there was open food	5.00	5.00
	Food handler using tobacco in a food room in which there was open food	5.00	5.00
	As above	Case dismissed	
Food and Drugs Act, 1955, Food Hygiene (Markets, Stalls and Delivery Vehicles) Regulations 1966	Failure to display the name and address of the person carrying on the business	5.00	–
Food and Drugs Act, 1955, Section 7(1) Labelling of Food Order, 1953	Sale of unlabelled can of herrings in tomato	5.00	5.00

Rodent Control (Prevention of Damage by Pests Act, 1949)

Complaints received	388
Properties inspected	702
Total number of inspections and reinspections	3004
Properties found infested and treated by Public Health Dept.	697
Properties found infested and treated by occupier	—
No evidence of infestation	5
Contracts entered into	94
Sewer manholes baited	—

Summary of other work carried out by public health inspectors

Inspections of food premises including food shops, bakehouses, market stalls and itinerants' vans	836
Visits for sampling purposes	324
Visits in connection with food complaints and unsound food for destruction	688
Inspections of premises in connection with duties under the Petroleum (Consolidation) Act, 1928	563
Inspections of hairdressers' establishments	8
Inspection of schools - general	3
Inspection of swimming pools	61
Inspections in connection with refuse collection	209
Inspection of drainage	308
Visits in connection with communicable diseases	47
Visits in connection with caravans	27
Visits in connection with complaints and nuisances (other than housing matters)	850
Visits in connection with insect and pest infestations	741
Inspections in connection with emission of smoke, fumes and odours	236
Visits in connection with duties under the Clean Air Act, 1956	76
Inspections of places of entertainment	2
Visits in connection with water supplies	6
Inspections under Pet Animals Acts	6
Inspections under Animal Boarding Establishments Acts	8
Visits in connection with health education	16
Visits in connection with noise nuisance	111
Sundry other visits	1114
Total complaints investigated	1520
Intimation notices served	356
Statutory notices served	3

SERVICES OF THE ESSEX COUNTY COUNCIL

The membership of the Harlow Health Area Sub-Committee which controls the decentralized services of the County Health Committee was, on 31 December, 1971, as follows:

Representing Harlow Urban District Council	Councillor J.F. Beecher (Chairman) Councillor E.R. Albone Councillor Mrs. M. Bach Councillor R.P. Chant Councillor J.T. Desormeaux Councillor W.W. Gibson Councillor R. Jenkins Councillor Mrs. McAlpine Councillor Mrs. E.I.V. Morris Councillor H.W. Morris Councillor G.C. Newport Councillor B.W.T. Topley
Representing Essex County Council ...	Alderman Mrs. M.R. Davey (Ex-officio) Councillor Mrs. I.H.N. Parker (Ex-officio) Councillor D.L1. Jones Councillor N.D. Crafford Councillor Mrs. E.M. Tuck Councillor R.A. Wale
Representing Harlow Group Hospital Management Committee	Councillor Mrs. S. Anderson
Representing National Health Service Executive Council for Essex ...	Mrs. K.A. Wilson
Representing Local Medical Committee for Essex	Dr. J. Meyrick
Representing Local Voluntary Organizations	Dr. A.H. Campbell

STAFF OF THE AREA HEALTH OFFICE ON 31st DECEMBER, 1971

(Some also deal with the School Health Service)

Area Medical Officer	I. Ash, MD, DPH (Part-time)
Senior Medical Officer	G. E. Thomas MB, BS, DRCOG, DPH (Part-time)
Medical Officers	Celia Palmer MB, BS, MRCS, LRCP, DA
	Joan Radix, MB, B.Ch, BAO
	Dorothy Donald, MB, BS, MRCS, LRCP (Part-time)
	Joyce M. Medley MB, ChB (Part-time)
	Elizabeth Robertson MB, ChB (Part-time)
Area Dental Officer	M. Ashar, LDS, RCS
Dental Officer	R. R. Troup LDS
Dental Auxiliary	Mrs G. A. Thurgood
Superintendent Health Visitor . . .	Mrs S. K. Scott, SRN, HV.Cert.
Health Visitors	13 Full-time 1 Part-time
Clinic Nurses	5 Full-time 2 Part-time
Non-medical Supervisor of Midwives and Superintendent of District Nurses	Miss E. Bergin, SRN, SCM
Midwives	7 Full-time
District Nurses	8 Full-time 6 Part-time
Senior Administrative Officer . . .	H. S. Alleyne, DPA
Administrative and Clerical Officers	13 Full-time 6 Part-time

Mothercraft and Relaxation Classes

Sessions held	135
Number of women attending	194
Number of attendances	820

Child Welfare

Child welfare sessions (doctor in attendance)	677
Health visitors' consultative sessions	211
Total number of attendances by health visitors	1296
Total number of child attendances	16769

Midwifery

(a) Clinics, ante - and post natal

Attendances by midwives at GP clinics	709
Number of examinations carried out	7962
Attendances by midwives at own clinics	425
Number of examinations carried out	2845

(b) Domicilary work

Number of confinements attended	Home	105	
As midwives	G.P. Unit	323	428
As maternity nurses after early discharge			396
Administration of analgesics			
Gas and air or Trilene			323
Pethidine or similar compound			223

Health Visiting

(a) Clinics and schools

Sessions attended at child health clinics	1296
Sessions attended at ante-natal and mothercraft clinics	288
Sessions attended at school clinics	283
Sessions attended at schools	1233

(b) Domiciliary work

Persons visited during the year	
Children under 5 years	5230
Persons aged 65 and over	430
Others	835
Number of visits during the year	
To children under 5 years	10492
To persons aged 65 years and over	783
Others	1199
Total effective visits	12474
Total ineffective visits	3741

(c) Tuberculosis visiting

Chest clinic sessions attended	276
Households visited during the year	163
Total number of home visits	472

Home Nursing

(a) Clinics

Number of sessions attended	1770
Number of new patients treated	4544
Total attendances by patients	12500

(b) Domiciliary work

Number of patients attended under 65 years of age	272
Number of patients attended aged 65 years and over	451
Number of visits to patients under 65 years of age	6504
Number of visits to patients aged 65 years and over	23153

Immunizations (other than BCG)

Smallpox	838
Revaccinations	159
Diphtheria/Pertussis/Tetanus	1901
Booster doses	281
Diphtheria/Tetanus	50
Booster doses	1302
Diphtheria	4
Booster doses	8
Tetanus	94
Booster doses	76
Poliomyelitis - Sabin oral vaccine	1889
Booster doses	2617
Measles	677
Rubella	1323

Chiropody

Total number of treatments	5052

At clinics

To physically handicapped	32
To aged over 65 years	2983
In old people's homes	164

Domiciliary

To physically handicapped	55
To aged over 65 years	1818

Patients being treated at end of year

Physically handicapped	29
Aged over 65 years	946

Medical Examination of Staff

Number of medical questionnaires submitted	508
Number of entrants appointed without medical examination ...	190
Number of entrants medically examined	174

Other medical examinations

Employees of other local authorities	2
Others (including teachers and entrants to training colleges)	172
Number of X-ray examinations	190

2. SCHOOL HEALTH SERVICE - EDUCATION ACT, 1944

School Medical examinations

Routine examinations	3402
Special and re-examinations	5434*
Defects requiring observation	3503
Defects requiring treatment	616

* Includes 1117 examinations for school milk

Audiometry

Tested for first time	168
Re-tested	41
No defect found	132
Some defect found	77
Normal hearing after minor treatment	3
Referred to ENT Consultant	10
Referred to Audiology Clinic	30
To be followed up	34

Speech Therapy

New cases referred	72
Cases treated for first time	62
Cases under treatment at end of year	160
Pupils who completed or discontinued treatment during the year	65

Dental Service

Number of children inspected	23082
Number of children for whom consent to treatment at school clinics was given	2140
Number of teeth extracted	1655
Number of teeth filled	5893

Enuresis

Number of cases referred during year	82
Number of cases still under treatment at end of the year	34

Prevention of tuberculosis BCG Vaccination

Vaccination offered	1111
Number accepted	938
Number Heaf-tested	819
Positive reactions	4
Negative reactions	757*
Number vaccinated	710

* Includes 40 Grade I positives

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